

## Abstract

A biopolymermembrane in its substantially dry form having a thickness less than about 75 microns, a solvent content less than about 5% by weight of the membrane, a radius of curvature of less than about 5 centimeters, a density greater than about  $1 \text{ g/cm}^3$ , and a maximum pore size of about 20 microns.

The diagram illustrates the experimental setup for measuring the photoluminescence quantum yield. A laser beam is directed through a series of lenses and mirrors, passing through a sample and a detector.